BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

SECTION- IX

VOLUME-II

Bill of Quantities (BOQ)

PART-I SUPPLY PORTION				
SL No	**Particulars**	**Unit**	**Total Qty**	**Material Code**
1	Supply & Erection of PSCC pole 9 mtr long 300 kg W/L (for dead end and anchor points only)	No	10	200005
2	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	25	200006
3	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	40	CDS materials for General works
4	Supply & Providing of 45KN Composite polymer insulators.	No	68	283320
5	Supply & Providing of 11kV Composite Polymer pins insulators.(24mm dia FRP rod)	No	84	283008
6	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	16	CDS materials for General works
7	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	20.6025	284108
8	Supply & Providing of Spiral Earth Electrode	No	73	281683
9	Supply & erection of DP set (2 pole structure kit- GI) with 9 mtr PSCC, 300 KG W/L including 5Kg , 8SWG GI wire for structure grounding.	set	4	CDS 46
10	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	9	304212
11	Supply & providing of H - Frame Set for 11kV, 200Amps Single Break GOS Mounting - GI	Set	5	280149
12	Supply & providing of 11kV Spl 3pin X-arms, pole clamps, bolts for PSCC pole- GI	No	5	280013
13	Supply & providing of 11kV Class DOLO Cutouts	Set (3 Nos)	5	302011
14	Supply & providing of Guardings Materials for road crossing(span=40 mtr)	Span	12	278916
15	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	16	613050
16	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	44	278911
17	Supply & Erection of Double Pole Mounted Transformer kit for 63 kVA with 2 Nos of 9 mtr long PSCC Pole, 300KG W/L- GI	Set	4	CDS materials for General works
18	Supply & Erection of 11kV/433V, 63 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	4	321438
19	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	16	281674+600095+607054, CDS 60
20	Supply & providing of GI wire 8SWG	kg	42	281008
21	Supply & providing of Guy wire 7/10SWG	kg	45	281110
22	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	12	303202, CDS 60
23	Supply & providing of LT Protection kit	No	12	301107
24	Supply & providing of LT wiring (from 63 KVA DTC to LT line)		0	
	i) Al Lead Wire - 95 Sqmm	Mtr	120	289031
	ii) Heavy Duty Long Barrel Copper Lug - 95 Sqmm	No	120	288531

	iii) PG Clamp - Rabbit to 95 Sqmm	No	45	285508, CDS 60
	iv) Spacer for DTC Wiring	No	4	284503
	v) Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	4	280800+280511, CDS 60
	vi) LT Metering box with CTs and necessary wiring for housing ETV Meter (Please see CDS - 39)	No	4	CDS 39
25	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	4	302122
26	supply & providing Transparent Alkathine tube 19mm dia, 2mm thick in coils of 30 mtrs	Coil	4	821900
27	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	25	200004
28	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	38	280014, CDS materials for General works
29	1.1 kV Pin Insulator with GI Pin	No	152	283053, CDS 5
30	No. 8 Strain Insulator	No	20	283158
31	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	8	CDS materials for General works

PART-II ERECTION PORTION

SL No	Particulars	Unit	Total Qty
1	Supply & Erection of PSCC pole 9 mtr long 300 kg W/L (for dead end and anchor points only)	No	**10**
2	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**25**
3	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**40**
4	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**16**
5	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**20.6025**
6	Supply & Providing of Spiral Earth Electrode	No	**73**
7	Supply & erection of DP set (2 pole structure kit- GI) with 9 mtr PSCC, 300 KG W/L including 5Kg , 8SWG GI wire for structure grounding.	set	**4**
8	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**9**
9	Supply & providing of H - Frame Set for 11kV, 200Amps Single Break GOS Mounting - GI	Set	**5**
10	Supply & providing of 11kV Spl 3pin X-arms, pole clamps, bolts for PSCC pole- GI	No	**5**
11	Supply & providing of 11kV Class DOLO Cutouts	Set (3 Nos)	**5**
12	Supply & providing of Guardings Materials for road crossing(span=40 mtr)	Span	**12**
13	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**16**
14	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**44**

15	Supply & Erection of Double Pole Mounted Transformer kit for 63 kVA with 2 Nos of 9 mtr long PSCC Pole, 300KG W/L-GI	Set	**4**
16	Supply & Erection of 11kV/433V, 63 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**4**
17	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**16**
18	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**12**
19	Supply & providing of LT Protection kit	No	**12**
20	Supply & providing of LT wiring (from 63 KVA DTC to LT line)		**0**
	i) Al Lead Wire - 95 Sqmm	Mtr	**120**
	ii) Heavy Duty Long Barrel Copper Lug - 95 Sqmm	No	**120**
	iii) PG Clamp - Rabbit to 95 Sqmm	No	**45**
	iv) Spacer for DTC Wiring	No	**4**
	v) Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**4**
	vi) LT Metering box with CTs and necessary wiring for housing ETV Meter (Please see CDS - 39)	No	**4**
21	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**4**
22	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**25**
23	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**38**
24	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**8**
25	Guy concreting with Boulders, Mud and Sand	No	**8**